

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15973	(audio adj system\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:29
L2	2815	(library near4 (song\$3 multimedia media music))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:30
L3	753099	(profile\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:30
L4	23	1 and 2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:30
L5	894	(84/609).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:30
L6	1436	(709/231).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:30
L7	4065	(709/223).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:31
L8	19691	(person\$5 user\$3 ) adj3 profile\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:31

L9	163	2 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:32
L10	2	9 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:34
L11	9	9 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:32
L12	7	9 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:33
L13	1566	playlist\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:36
L14	165	2 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:33
L15	1	14 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:33
L16	35	"6248946"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:35

L17	109	13 and (microsoft).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:36
L18	434	playlist\$3 near9 (song\$3 music)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:36
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L20	12	18 and (microsoft).as. and 2 and ("84"/\$ "707"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 21:37


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# 1 [Architecting personalized delivery of multimedia information](#)

Shoshana Loeb

December 1992 **Communications of the ACM**, Volume 35 Issue 12Full text available: [pdf\(4.96 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

**Keywords:** casual information usage, information filtering, information retrieval, multimedia applications, personalized information delivery, user models, user profiling

# 2 [HypIR: a hypertext-based approach to information retrieval](#)

Fazli Can, Yuan-Ming Lee

March 1993 **Proceedings of the 1993 ACM/SIGAPP symposium on Applied computing: states of the art and practice**Full text available: [pdf\(770.39 KB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** browsing, hypercard, hypertext, information retrieval, information retrieval techniques, inverted files

# 3 [Towards a digital library of popular music](#)

David Bainbridge, Craig G. Nevill-Manning, Ian H. Witten, Lloyd A. Smith, Rodger J. McNab  
August 1999 **Proceedings of the fourth ACM conference on Digital libraries**Full text available: [pdf\(359.88 KB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** MIDI, melody matching, music libraries, music representation, optical music recognition

# 4 [Content-based retrieval for music collections](#)

Yuen-Hsien Tseng

August 1999 **Proceedings of the 22nd annual international ACM SIGIR conference on Research and development in information retrieval**Full text available: [pdf\(99.27 KB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** approximate string matching, key melody extraction, music indexing, music retrieval, pitch profile encoding, query suggestion

- 5 Towards the digital music library: tune retrieval from acoustic input  
Rodger J. McNab, Lloyd A. Smith, Ian H. Witten, Clare L. Henderson, Sally Jo Cunningham  
April 1996 **Proceedings of the first ACM international conference on Digital libraries**

Full text available:  pdf(998.45 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** acoustic interfaces, melody recall, musical retrieval, relevance ranking

- 6 Retrieval based on user behaviour  
A. J. Kok, A. M. Botman  
May 1988 **Proceedings of the 11th annual international ACM SIGIR conference on Research and development in information retrieval**


Full text available:  pdf(1.73 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper gives an overview of the ongoing research in the Active Data Bases project at the Vrije Universiteit, Amsterdam. In this project we are specifying and building a system that helps a user in his search for useful and interesting information in large, complex information systems. The system is able to do this, because it learns from the interaction about the users and the data it contains. The indications of the users are expressed in terms of interests in the data, which serve as ...

- 7 Lessons from LyricTime: a prototype multimedia system  
Shoshana Loeb, Ralph Hill, Tom Brinck  
July 1992 **ACM SIGCOMM Computer Communication Review**, Volume 22 Issue 3

Full text available:  pdf(178.58 KB) Additional Information: [full citation](#), [index terms](#)

- 8 Order and chaos: a sociological profile of TECHWR-L  
Bruce A. Overby  
October 1997 **Proceedings of the 15th annual international conference on Computer documentation**

Full text available:  pdf(821.48 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

- 9 The user consultant handbook: the species develops  
V. L. Johnston, T. L. Case  
October 1989 **Proceedings of the 17th annual ACM SIGUCCS conference on User Services**

Full text available:  pdf(563.60 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

We will now discuss in a little more detail the Struggle for Existence. Charles Darwin, The Origin of Species As a User Services office expands the number of policies, procedures, and staff usually expands with it. Old methods for disseminating information may no longer be effective with a larger staff. At the University of Alaska Anchorage, we found that a user consultant handbook helps us distribute information more effectively to our consultin ...

- 10 Beyond document similarity: understanding value-based search and browsing technologies

Andreas Paepcke, Hector Garcia-Molina, Gerard Rodriguez-Mula, Junghoo Cho  
March 2000 **ACM SIGMOD Record**, Volume 29 Issue 1

Full text available:  pdf(1.29 MB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)


In the face of small, one or two word queries, high volumes of diverse documents on the Web are overwhelming search and ranking technologies that are based on document similarity measures. The increase of multimedia data within documents sharply exacerbates the shortcomings of these approaches. Recently, research prototypes and commercial experiments have added techniques that augment similarity-based search and ranking. These techniques rely on judgments about the 'value' of documents. Jud ...

**Keywords:** World-Wide Web, collaborative filtering, hypertext, information filters, information retrieval, links, metadata, ranking, relevance, search engines

# 11 [Constructing, organizing, and visualizing collections of topically related Web resources](#)

Loren Terveen, Will Hill, Brian Amento

March 1999 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 6 Issue 1

Full text available:  pdf(303.62 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

For many purposes, the Web page is too small a unit of interaction and analysis. Web sites are structured multimedia documents consisting of many pages, and users often are interested in obtaining and evaluating entire collections of topically related sites. Once such a collection is obtained, users face the challenge of exploring, comprehending and organizing the items. We report four innovations that address these user needs: (1) we replaced the Web page with the Web site

**Keywords:** cocitation analysis, collaborative filtering, computer supported cooperative work, information visualization, social filtering, social network analysis

# 12 [WebMate: a personal agent for browsing and searching](#)

Liren Chen, Katia Sycara


May 1998 **Proceedings of the second international conference on Autonomous agents**

Full text available:  pdf(969.48 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

# 13 [Using branch handling hardware to support profile-driven optimization](#)

Thomas M. Conte, Burzin A. Patel, J. Stan Cox

November 1994 **Proceedings of the 27th annual international symposium on Microarchitecture**


Full text available:  pdf(954.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Profile-based optimizations can be used for instruction scheduling, loop scheduling, data preloading, function in-lining, and instruction cache performance enhancement. However, these techniques have not been embraced by software vendors because programs instrumented for profiling run 2-30 times slower, an awkward compile-run-recompile sequence is required, and a test input suite must be collected and validated for each program. This paper proposes using existing bran ...

# 14 [Efficient retrieval of composite multimedia objects in the JINSIL distributed system](#)

Junehwa Song, Asit Dan, Dinkar Sitaram

June 1997 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1997 ACM SIGMETRICS international conference on Measurement and modeling of computer systems**, Volume 25 Issue 1

Full text available:  pdf(1.54 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In a distributed environment, presentation of structured, composite multimedia information poses new challenges in dealing with variable bandwidth (BW) requirement and

synchronization of media data objects. The detailed knowledge of BW requirement obtained by analyzing the document structure can be used to create a prefetch schedule that results in efficient utilization of system resources. A distributed environment consists of various system components that are either dedicated to a client or s ...

# 15 QoS impact on user perception and understanding of multimedia video clips

G. Ghinea, J. P. Thomas

September 1998 **Proceedings of the sixth ACM international conference on Multimedia**

Full text available:  [pdf\(518.61 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** QoS, multimedia, user perception, user understanding

# 16 Interface design and multivariate analysis of UNIX command use

Stephen José Hanson, Robert E. Kraut, James M. Farber


January 1984 **ACM Transactions on Information Systems (TOIS)**, Volume 2 Issue 1

Full text available:  [pdf\(983.48 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

# 17 The impact of architectural trends on operating system performance

M. Rosenblum, E. Bugnion, S. A. Herrod, E. Witchel, A. Gupta

December 1995 **ACM SIGOPS Operating Systems Review , Proceedings of the fifteenth ACM symposium on Operating systems principles**, Volume 29 Issue 5

Full text available:  [pdf\(2.03 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

# 18 Issues in multimedia interface design: media integration and interface agents

Brenda Laurel, Tim Oren, Abbe Don

March 1990 **Proceedings of the SIGCHI conference on Human factors in computing systems: Empowering people**

Full text available:  [pdf\(983.61 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A central challenge in the design of multimedia databases is integrating information from different media sources while reducing the cognitive load imposed on users by the tasks of learning and operating the interface. In light of results from a prototype multimedia project developed at Apple, we believe that an agent-style interface addresses this challenge in several ways. This paper discusses techniques for achieving media integration and details the use of interface agents in facilitati ...

# 19 Power minimization in IC design: principles and applications

Massoud Pedram

January 1996 **ACM Transactions on Design Automation of Electronic Systems (TODAES)**, Volume 1 Issue 1

Full text available:  [pdf\(550.02 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Low power has emerged as a principal theme in today's electronics industry. The need for low power has caused a major paradigm shift in which power dissipation is as important as performance and area. This article presents an in-depth survey of CAD methodologies and techniques for designing low power digital CMOS circuits and systems and describes the many issues facing designers at architectural, logical, and physical levels of design abstraction. It reviews some of the techniques and tool ...

**Keywords:** CMOS circuits, adiabatic circuits, computer-aided design of VLSI, dynamic power dissipation, energy-delay product, gated clocks, layout, low power layout, low power


synthesis, lower-power design, power analysis and estimation, power management, power minimization and management, probabilistic analysis, silicon-on-insulator technology, statistical sampling, switched capacitance, switching activity, symbolic simulation, synthesis, system design

## 20 [Research alerts](#)

Jennifer Bruer

September 1999 **interactions**, Volume 6 Issue 5

Full text available:  [pdf\(367.06 KB\)](#)

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Relevance scale ☐ ☐ ☐ ☐ ☐**1 [MP3 Linux Players](#)**

Craig Knudsen

July 1999 **Linux Journal**Full text available: [html](#) (10.56 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Is MP3 the wave of the future? Mr. Knudsen describes this new technology and what it will mean to the listener

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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

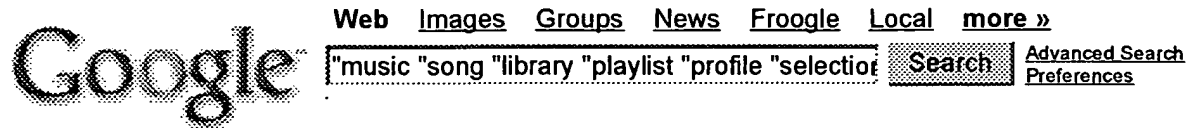
**1. Virtual jukebox: reviving a classic**

Drews, C.; Pestoni, F.;  
System Sciences, 2002. HICSS. Proceedings of the 35th Annual Hawaii International Conference on  
7-10 Jan 2002 Page(s):887 - 893

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### MoodLogic

If you are listening to a **playlist** using Winamp, you can **select a song** and drag and

... From the My **Music** view, **select** Clean **Library** from the Tools menu. ...

[www.moodlogic.com/mlfaq-client.html](http://www.moodlogic.com/mlfaq-client.html) - 64k - [Cached](#) - [Similar pages](#)

### Musicmatch Jukebox - World's best music player

With a whole new range of **library**, **playlist**, and portable device controls, ...

Add tracks to your **Music Library**, burn them to CDs, download them to your ...

[www.musicmatch.com/home.htm](http://www.musicmatch.com/home.htm) - 28k - [Cached](#) - [Similar pages](#)

### Musicmatch Jukebox - World's best music player

Let the **Music Library** keep track of your entire digital **music** collection – whether

... Simply choose **selection** criteria, such as **playlist** size, popularity, ...

[www.musicmatch.com/download/free/](http://www.musicmatch.com/download/free/) - 30k - [Cached](#) - [Similar pages](#)

### GarageBand.com : Help!

621 bytes; Hey, some **songs** aren't showing up on my **playlist**, how do I fix it?

... 151 bytes; My **song** was rejected by the Live365 **Music Library**. What now? ...

[www.garageband.com/help/beginners.html](http://www.garageband.com/help/beginners.html) - 84k - [Cached](#) - [Similar pages](#)

### Yahoo! Help - Yahoo! Music Engine

Insert a burnable CD; Click My **Music** and **select a playlist**; Click Burn CD button

at bottom of ... Click My **Music Profile** on the homepage at the top right ...

[help.yahoo.com/help/us/music/yme/troubleshooting/troubleshooting-19.html](http://help.yahoo.com/help/us/music/yme/troubleshooting/troubleshooting-19.html) - 14k - [Cached](#) - [Similar pages](#)

### Master Your Music Library

Copying **songs** from your CD collection into your **music library** takes just a ...

On the Copy **Music** tab, shown in Figure 1, **select** one of the three options: ...

[www.microsoft.com/windowsxp/expertzone/columns/bott/03may05.asp](http://www.microsoft.com/windowsxp/expertzone/columns/bott/03may05.asp) - 32k - [Cached](#) - [Similar pages](#)

### Tips for Mobile Beginners: Windows Mobile is Playing Your Song

To copy **music**, go into your Windows Media Player **library** on your personal ...

When you've finished, click the New **Playlist** button, **select** Save **Playlist** as, ...

[www.microsoft.com/windowsmobile/articles/music.msp](http://www.microsoft.com/windowsmobile/articles/music.msp) - 35k - [Cached](#) - [Similar pages](#)

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### Listen to Classic Queen :: Queen biography.playlist :: Digital ...

Queen **music**,listen to Queen,Listen to Classic Queen,Classic Queen play list,Classic

Queen ... Rounding things off is a fine **selection** of the unclassifiable, ...

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### Apple - AirPort Express

Enjoy your iTunes **music library** in virtually any room of your house. Share a

single broadband Internet ... Want to skip to the next **song** on your **playlist**? ...

[www.apple.com/airportexpress/](http://www.apple.com/airportexpress/) - 22k - [Cached](#) - [Similar pages](#)

### Gnutella Forums - How to transfer music to my iPod (& iTunes)

A 1st iTunes File>Add to **Library**... & **select** the **songs** to add. ... Once iTunes

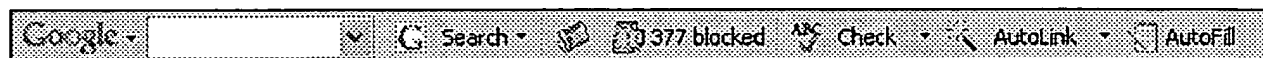
opens it will copy the **songs** to its **music library**. But makes sure LW's media ...

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